Liam Barstad

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Mission

As a programmer, I am committed to developing technology for all people, regardless of social, political, ethnic, or economic backgrounds. It is my endeavor to facilitate creativity and cultivate input from as many viewpoints as possible, so that what I create will be able to effectively represent and better humanity. With dedication and tenacity, all problems can be overcome.

Skills

Ruby · Rails · ActiveRecord · RSpec · JavaScript · React Native · iOS · ReactJS · Enzyme · jQuery · Express · Mocha/Chai · Python · Django · HTML/CSS · OOP · SQL · Neo4j · Solidity · RabbitMQ · Linear Classification · Agile Development · Simple Neural Networks

Education

Turing School of Software and Design

Back End Development   06/2017 - 03/2018

Turing involves approximately 1600-2000 hours of training and teaching. The program gives students the devices to learn and integrate practically any new technology and teaches valuable soft skills, agile development, and the intricacies of object oriented programming and design.

Front Range Community College

Applied Mathematics   08/2016 - Present

Front Range offered an introductory understanding of programming and C++, and aided in the development of mathematical, analytical, and peripheral skills. I hope to eventually complete my Bachelor's degree, and press on into a Master's degree in Applied Mathematics.

Projects

Ping Timer

A timer in React Native that allows users to time various activities. Users can receive notifications at set intervals and set custom notifications. Uses Realm as an onboard key-value store.

Battle Buddy

A mobile alarm app built in React Native, and deployed using Expo. Built to allow users to associate a location, such as a workplace or morning destination, to their morning alarm, using the MapView API.

Le Pivot

The Pivot was originally a single shop Rails application. Along with a team of three other programmers, we turned the application into a multi-tenanted website. Features were added such as Stripe, quick checkout, live messaging, Oauth, and shipping.

Rales Engine

A RESTful Rails API that provides info, relationships, and business intelligence pertaining to vendor and sales information. Uses ActiveRecord and large datasets.

Quantified Self

A food manager app built using a jQuery/Webpack front end that consumes a JavaScript Express back end. Users can add foods to meal tables and create, update, and delete foods at the /foods path.

Titanic Predictor

A functional neural net built in Django using Neo4j that is being developed into an accessible web application. The purpose of the application is to predict whether or not a user would survive the titanic, given specific inputs.

This Resume

A copy of this resume in HTML/CSS, .pdf, and .doc.